

To: Ruhl, Christopher[Ruhl.Christopher@epa.gov]
From: Ostrander, David
Sent: Mon 8/31/2015 11:27:24 PM
Subject: Fwd: Historical Data

Marty is on this messaging and data analysis.

Sent from my iPhone

Begin forwarded message:

From: "McComb, Martin" <McComb.Martin@epa.gov>
Date: August 31, 2015 at 5:02:53 PM MDT
To: "Ostrander, David" <Ostrander.David@epa.gov>, "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>, "Williams, Laura" <williams.laura@epa.gov>
Subject: Historical Data

Looks like we are already almost there.

I will report back in the morning.

M

Sent from my iPhone

Begin forwarded message:

From: "Schaefer, Joe" <Schaefer.Joe@epa.gov>
Date: August 31, 2015 at 4:58:41 PM MDT
To: "McComb, Martin" <McComb.Martin@epa.gov>
Subject: Fwd: Draft Secondary Data Spreadsheet

Just in case you hadn't seen this

Joe Schaefer
Environmental Response Team
(c) 609-865-9111

Begin forwarded message:

From: "Young, Dwane" <Young.Dwane@epa.gov>

Date: August 28, 2015 at 2:00:41 PM EDT

To: "Fagen, Elizabeth" <Fagen.Elizabeth@epa.gov>

Cc: "Spence, Sandra" <Spence.Sandra@epa.gov>, "Wall, Tom" <Wall.Tom@epa.gov>, EOC Water <EOC_Water@epa.gov>, "Garcia, Bert" <Garcia.Bert@epa.gov>, "Wharton, Steve" <Wharton.Steve@epa.gov>, "Schaefer, Joe" <Schaefer.Joe@epa.gov>, "Delgado, Eric" <Delgado.Eric@epa.gov>

Subject: RE: Draft Secondary Data Spreadsheet

Liz,

Attached is the spreadsheet that summarizes the historical data in the four watersheds. There is an instruction sheet that should help you in using it. It is meant to help you identify all the monitoring locations that we have in the Water Quality Portal in the four watersheds. This may be helpful to you in getting access to a number of the organizations that you've identified (i.e. Colorado River Watch, CO DHE (although their data ends in 2011), NM, Utah, Southern Ute, USGS, and NPS). I have also identified which stations are within the immediate drainage basin of the mainstem for the rivers related to the spill. This might help you identify which stations you're interested in.

This spreadsheet also allows you to directly download the data from the portal. The data should all be in a consistent format. Feel free to call me if you have any questions on how to use it, or if there's some other thing you'd like it to do.

This in conjunction with the map that I shared with you yesterday should help you in finding the specific stations that could be used as historical stations.

Dwane

Dwane Young

U.S. EPA Office of Water

Assessment Watershed Protection Division

Phone: 202-566-1214

Email: young.dwane@epa.gov

From: Young, Dwane

Sent: Thursday, August 27, 2015 3:11 PM

To: Fagen, Elizabeth

Cc: Spence, Sandra; Wall, Tom; EOC Water; Garcia, Bert; Wharton, Steve

Subject: RE: Draft Secondary Data Spreadsheet

No problem. I can pull together that spreadsheet tomorrow morning and send it over to you.

Dwane Young

U.S. EPA Office of Water

Assessment Watershed Protection Division

Phone: 202-566-1214

Email: young.dwane@epa.gov

From: Fagen, Elizabeth

Sent: Thursday, August 27, 2015 3:04 PM

To: Young, Dwane

Cc: Spence, Sandra; Wall, Tom; EOC Water; Garcia, Bert; Wharton, Steve

Subject: RE: Draft Secondary Data Spreadsheet

Hi Dwane,

If you would be able to assist and do that search, that would be really helpful. I initiated the creation of this list on Saturday/Sunday, when most groups weren't in the office. My searches have primarily been on the internet with some additions from R6, R8, and R9 EU contacts. I've been transferred to the Liaison Officer in AC, but have been tasked to manage any incoming comments/additions on this spreadsheet. Again, this was my first attempt at surveying the secondary data sources. Thank you for any and all assistance!

Liz

Liz Fagen, P.E.

Environmental Engineer

US EPA Superfund Project Manager

(303) 312-6095

EPA Region 8

1595 Wynkoop St., Denver, CO 80202

From: Young, Dwane

Sent: Thursday, August 27, 2015 12:36 PM

To: Fagen, Elizabeth

Cc: Spence, Sandra; Wall, Tom; EOC Water; Garcia, Bert

Subject: RE: Draft Secondary Data Spreadsheet

Elizabeth, Sandra,

It looks like you have everything that we had identified in the historical data from STORET/WQX plus some additional data sets. My only comment would be that you consider how you access the data. Right now you've identified contacts and web sites for where to get the data. For many of these data sets, you could access the data via the water quality portal: <http://waterqualitydata.us>. Doing so would save you a lot of time because you wouldn't need to do any data reformatting and harmonization. This would be especially true for the USGS data. If you want to explore what data are available via the portal, you could use the web map that I put together exactly for that purpose:
<http://epa.maps.arcgis.com/home/item.html?id=bbced94ec1454033a5598f0a4a456e01>

If it would also help, I could compile all that information together into an Excel spreadsheet that would allow you access the historical data as well.

Dwane Young

U.S. EPA Office of Water

Assessment Watershed Protection Division

Phone: 202-566-1214

Email: young.dwane@epa.gov

From: Fagen, Elizabeth

Sent: Thursday, August 27, 2015 1:12 PM

To: Tulis, Dana; Spence, Sandra; Montgomery, Michael; Garcia, Bert; Wall, Tom; Wharton, Steve; Garcia, David; Williams, Laura; Brobst, Bob; Wall, Dan; Hestmark, Martin; Stavnes, Sandra; Ostrander, David; Kappelman, David; Gentile, Laura; Pierce, Maggie; Karl, Richard; EOC Water; EOC ORD; Koglin, Eric; Young, Dwane; Manzanilla, Enrique

Subject: Draft Secondary Data Spreadsheet

Hi all,

EPA has undertaken a survey of available historical data relevant to the Gold King Mine Release Incident. EPA will consider this information in our further assessment of the long-term impacts of the release. The attached spreadsheet identifies the source, type and status of the datasets and whether the data collection efforts are ongoing. This is a summary of the information collected to date. EPA acknowledges that there will be additions and modifications of this summary and appreciates input from all potentially affected stakeholders. Please provide additional relevant information to either Liz Fagen at Gold King Mine Release Incident Area Command (fagen.elizabeth@epa.gov) or Sandie Spence in EPA Region 8 (spence.sandra@epa.gov).

Liz Fagen, P.E.

Environmental Engineer

US EPA Superfund Project Manager

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1595 Wynkoop St., Denver, CO 80202